INDEX

Breuer, K. S. *See* Rathnasingham & Breuer

Bunner, B. & Tryggvason, G. Effect of bubble deformation on the properties of bubbly flows, 77–118

Caulfield, C. P. *See* Woods, Caulfield & Phillips

Chini, G. P. & Leibovich, S. Resonant Langmuir-circulation–internal-wave interaction. Part 1. Internal wave reflection, 35–55

Chomaz, J.-M. Fully nonlinear dynamics of parallel wakes, 57–75

Chow, F. K. *See* Gullbrand & Chow

Clercx, H. J. H. *See* Maassen, Clercx & van Heijst

Coleman, G. N., Kim, J. & Spalart, P. R. Direct numerical simulation of a decelerated wall-bounded turbulent shear flow, 1–18

Dhanak, M. R. *See* Zikanov, Slinn & Dhanak

Gavrilyuk, S. *See* Saurel, Gavrilyuk & Renaud

Gullbrand, J. & Chow, F. K. The effect of numerical errors and turbulence models in large-eddy simulations of channel flow, with and without explicit filtering, 323–341

van Heijst, G. J. F. *See* Maassen, Clercx & van Heijst

Hutter, K. *See* Pudasaini & Hutter

Ioualalen, M. *See* Okamura, Ioualalen & Kharif

Kharif, C. *See* Okamura, Ioualalen & Kharif

Kida, T. *See* Ueda, Sellier, Kida & Nakanishi

Kim, J. *See* Coleman, Kim & Spalart

Lawrence, C. J. *See* Sisoev, Matar & Lawrence

Leibovich, S. *See* Chini & Leibovich

Llewellyn Smith, S. G. & Young, W. R. Tidal conversion at a very steep ridge, 175–191

Maassen, S. R., Clercx, H. J. H. & van Heijst, G. J. F. Self-organization of decaying quasi-two-dimensional turbulence in stratified fluids in rectangular containers, 19–33

Magnaudet, J. *See* Takemura & Magnaudet

Matar, O. K. *See* Sisoev, Matar & Lawrence

Nakanishi, M. *See* Ueda, Sellier, Kida & Nakanishi

Okamura, M., Ioualalen, M. & Kharif, C. Standing waves on water of uniform depth: on their resonances and matching with short-crested waves, 145–156

Phillips, J. C. *See* Woods, Caulfield & Phillips

Pudasaini, S. P. & Hutter, K. Rapid shear flows of dry granular masses down curved and twisted channels, 193–208

Rathnasingham, R. & Breuer, K. S. Active control of turbulent boundary layers, 209–233

Renaud, F. *See* Saurel, Gavrilyuk & Renaud

Rienstra, S. W. Sound propagation in slowly varying lined flow ducts of arbitrary cross-section, 157–173

Saurel, R., Gavrilyuk, S. & Renaud, F. A multiphase model with internal degrees of freedom: application to shock–bubble interaction, 283–321

Sellier, A. *See* Ueda, Sellier, Kida & Nakanishi

Sisoev, G. M., Matar, O. K. & Lawrence, C. J. Axisymmetric wave regimes in viscous liquid film flow over a spinning disk. 385–411

Slinn, D. N. *See* Zikanov, Slinn & Dhanak

Spalart, P. R. *See* Coleman, Kim & Spalart

Stansby, P. K. A mixing-length model for shallow turbulent wakes. 369–384

Takemura, F. & Magnaudet, J. The transverse force on clean and contaminated bubbles rising near a vertical wall at moderate Reynolds number. 235–253

Tryggvason, G. *See* Bunner & Tryggvason

Ueda, Y., Sellier, A., Kida, T. & Nakanishi, M. On the low-Reynolds-number flow about two rotating circular cylinders. 255–281

Woods, A. W., Caulfield, C. P. & Phillips, J. C. Blocked natural ventilation: the effect of a source mass flux. 119–133

Yakhot, V. Pressure–velocity correlations and scaling exponents in turbulence. 135–143

Young, W. R. *See* Llewellyn Smith & Young

Zikanov, O., Slinn, D. N. & Dhanak, M. R. Large-eddy simulations of the wind-induced turbulent Ekman layer. 343–368